

Supplemental Table S4. The identity of CCR protein sequences from peppers and CCRs from other plant species

AtCCR1(NP_001319013.1)*AtCCR2*(AAG53687.1)*BoCCR1*(XP_013611404.1)*BoCCR2*(XP_013621398.1)*StCCR1*(XP_006356249.1)/ *StCCR2*(XP_006342181.1)/*SICCR* (NP_001234612.1)/*Sl CCR2*(NP_001234297.1)/*HvCCR1*(XP_044948571.1)/*HvCCR2*((KAE8782947.1))/ *ZmCCR1*(*Zea mays*) (NP_001105488.1)/ *ZmCCR2*(*Zea mays*) (NP_001105715)/ *OsCCR1*(*Oryza sativa Japonica*) (XP_015621618.1)/ *SbCCR1*(*Sorghum bicolor*)(XP_021306123.1)/ *SbCCR2*(*Sorghum bicolor*) (XP_021312001.1)/ *PvCCR1a*(*Panicum virgatum*) (XP_039814571.1)/ *PvCCR2a*(*Panicum virgatum*) (ACZ74585.1)/ *PtCCR2*(*Populus trichocarpa*) (XP_002300619.2)/ *EugCCR*(*Eucalyptus gunnii*) (CAA56103.1)/ *PtCCR*(*Pinus taeda*)(AAL47684.1)

	<i>At</i> <i>CCR1</i>	<i>At</i> <i>CCR2</i>	<i>Bo</i> <i>CCR1</i>	<i>Bo</i> <i>CCR2</i>	<i>St</i> <i>CCR1</i>	<i>St</i> <i>CCR2</i>	<i>Hv</i> <i>CCR1</i>	<i>Hv</i> <i>CCR2</i>	<i>Zm</i> <i>CCR1</i>	<i>Zm</i> <i>CCR2</i>	<i>Os</i> <i>CCR1</i>	<i>Os</i> <i>CCR2</i>	<i>Sb</i> <i>CCR1</i>	<i>Sb</i> <i>CCR2</i>	<i>Pv</i> <i>CCR1a</i>	<i>Pv</i> <i>CCR2a</i>	<i>Pt</i> <i>CCR2</i>	<i>Egu</i> <i>CCR</i>	<i>Pt</i> <i>CCR</i>
CaCCR1-1	40.3	5.0	71.3	40.2	5.3	41.2	60.6	5.7	37.1	40.6	42.7	36.8	37.6	45.2	38.4	36.0	40.7	43.3	46.7
CaCCR1-2	25.1	23.4	20.0	23.2	26.0	21.9	20.2	43.6	23.7	23.7	19.3	17.4	21.8	16.6	22.7	19.7	25.1	26.0	26.5
CaCCR1-like1	75.3	74.0	45.9	74.3	90.1	44.7	40.2	25.3	62.5	66.4	45.1	37.9	42.9	32.2	64.6	55.3	44.3	81.1	70.1
CaCCR1-like2	73.8	73.7	45.3	74.6	87.4	43.5	41.0	25.6	61.7	65.5	44.5	37.1	42.6	32.0	64.6	54.5	43.4	80.2	69.2
CaCCR1-like3	45.9	45.1	46.2	45.3	47.2	42.2	42.9	23.4	40.3	41.1	68.0	34.9	40.7	34.3	41.6	37.9	38.5	45.5	46.8
CaCCR1-like4	47.9	44.7	48.0	44.8	47.2	42.5	43.8	20.1	41.6	42.8	67.1	33.0	39.0	33.7	43.0	37.3	38.1	46.7	47.2
CaCCR1-like5	15.6	16.5	13.9	15.7	14.7	16.0	15.2	10.6	12.9	14.3	18.6	12.9	14.0	12.7	13.1	12.5	16.5	15.1	15.1
CaCCR1-like6	39.4	38.9	38.2	38.5	41.7	40.5	36.7	21.1	34.3	35.7	50.6	30.8	36.1	31.4	35.2	32.0	40.0	39.2	41.0
CaCCR1-like7	42.9	40.9	41.2	40.5	43.4	42.1	40.1	21.7	38.0	38.9	55.5	33.4	41.4	33.2	39.0	33.7	42.1	41.8	43.6
CaCCR1-like8	8.4	8.7	10.2	8.5	8.4	17.5	11.2	7.8	9.7	8.5	10.1	7.5	7.9	9.3	9.6	7.0	12.5	9.5	10.8
CaCCR1-like9	24.6	24.0	25.9	24.0	27.4	25.1	26.1	25.9	27.0	24.4	24.5	19.7	24.4	20.2	27.5	21.5	24.2	28.2	29.1
CaCCR1-like10A	26.6	26.2	27.5	27.1	28.0	28.5	27.7	25.1	26.6	25.9	23.4	22.6	24.5	23.9	26.6	23.5	28.5	28.1	31.8
CaCCR1-like10B	26.6	26.0	27.5	27.1	27.8	28.5	27.7	25.4	26.6	25.7	23.4	22.0	24.5	22.7	26.6	23.3	28.5	28.1	31.5
CaCCR2-1	37.3	38.5	50.3	38.6	41.8	38.0	49.7	21.8	36.0	38.6	39.8	32.5	39.0	40.0	38.0	33.1	38.3	41.0	41.0
CaCCR2-2	72.4	71.8	45.0	72.9	95.2	45.3	40.1	24.8	62.0	65.8	46.2	36.7	42.9	31.6	65.1	54.8	43.6	81.6	69.6
CaCCR2-like1	41.4	40.4	43.1	40.5	45.6	90.0	39.7	24.0	41.5	43.1	38.6	47.7	50.5	32.3	42.0	36.8	68.9	44.0	45.6
CaCCR2-like2	28.4	28.1	29.5	27.9	30.8	29.9	31.0	27.7	27.8	27.8	25.7	24.1	25.9	25.5	27.7	22.6	28.1	31.3	32.7
CaCCR2-like3	70.1	71.8	43.1	73.9	82.3	43.4	37.1	23.9	59.3	65.3	45.2	35.5	41.3	32.0	61.8	54.8	42.0	76.3	66.2
CaCCR2-like4	21.8	21.1	21.7	21.2	24.9	22.3	22.2	22.1	22.9	20.3	20.2	17.0	19.0	15.9	23.3	19.3	20.9	25.1	25.2
CaDFR-1	32.5	31.4	30.7	31.4	33.5	32.2	30.6	20.2	32.3	32.3	29.3	25.6	28.7	24.4	32.6	28.9	28.7	35.1	33.0
CaDFR-like	23.9	25.9	21.4	26.0	25.1	21.0	23.5	38.6	23.6	24.0	20.3	20.5	22.1	19.2	24.9	19.1	23.3	24.9	25.4
CbCCR1-1	68.7	70.9	42.5	73.0	81.7	43.1	37.1	23.2	59.6	64.5	45.5	35.0	40.7	32.0	61.3	54.2	42.0	76.0	66.2
CbCCR1-2	47.9	44.7	48.0	44.8	47.2	42.5	44.6	20.1	41.6	42.8	66.8	33.0	39.0	33.7	43.2	37.9	38.1	46.7	47.2
CbCCR1-3	45.9	45.1	46.5	45.3	47.5	42.2	43.8	22.8	40.6	41.1	68.3	34.6	40.7	34.9	41.9	55.0	38.5	45.2	47.1
CbCCR2-1	72.7	71.8	45.0	72.9	95.5	45.3	40.4	24.8	62.0	65.8	46.5	36.7	42.8	32.1	65.1	55.6	43.6	81.9	70.0
CbCCR2-2	75.6	73.7	46.2	74.9	90.7	45.0	40.2	24.4	63.7	66.7	45.7	38.2	42.6	32.2	65.1	55.6	44.3	82.0	70.1

CbCCR2-3	63.0	61.9	38.5	62.7	73.6	36.8	34.3	25.4	55.8	57.7	38.5	31.4	36.1	27.6	58.0	46.9	36.3	68.0	59.4
CbDFR-1	13.1	12.6	11.3	11.3	14.4	13.6	13.3	12.6	12.4	12.8	11.7	11.4	11.9	13.1	13.0	12.8	14.0	13.1	11.8
CbDFR-2	32.7	31.4	30.4	30.7	33.5	32.2	30.3	20.0	32.6	32.3	29.3	25.6	28.7	24.2	32.6	28.9	28.7	34.0	33.0
CcCCR1-1	45.9	45.1	46.2	45.3	47.2	42.2	43.5	22.8	40.3	41.1	68.0	34.9	40.7	34.3	41.6	37.9	38.5	45.5	46.8
CcCCR1-2	47.9	44.7	48.0	44.8	47.2	42.5	44.6	20.1	41.6	42.8	67.1	33.0	39.0	33.7	43.2	37.3	38.1	46.7	47.2
CcCCR1-3	69.0	70.9	43.1	73.0	81.7	44.0	37.7	23.7	58.8	64.7	44.4	35.3	40.7	32.0	61.0	54.5	42.0	75.7	65.9
CcCCR1-4	38.5	36.6	23.5	37.1	47.2	23.3	21.1	13.9	34.6	34.1	24.8	19.2	22.0	16.9	35.2	29.9	22.4	41.6	36.4
CcCCR2-1	75.9	74.3	46.2	75.2	90.4	44.7	40.2	25.6	62.8	66.4	46.0	37.9	42.6	31.7	65.1	55.3	44.0	81.7	70.1
CcCCR2-2	74.1	74.0	45.6	74.9	87.7	43.5	41.3	24.4	61.5	65.8	45.1	37.1	42.6	32.2	64.8	55.6	43.4	80.5	68.9
CcDFR-1	8.4	9.3	9.3	9.4	8.1	7.8	6.7	4.3	8.4	7.9	11.9	8.0	9.1	5.5	8.5	7.6	8.5	7.7	7.7
CcDFR-2	32.2	30.9	30.4	30.4	32.7	32.2	30.0	20.2	33.3	33.3	29.1	25.6	29.0	24.4	34.4	29.2	28.7	35.1	33.8
CcDFR-3	6.1	7.2	6.2	7.9	5.7	7.5	6.4	4.0	6.0	6.2	6.3	4.6	4.8	5.8	6.0	4.6	7.2	6.6	6.5